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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. **Application Number** 10/343,160 TRANSMITTAL Filing Date August 17, 2004 **FORM** First Named Inventor **Dmitry Rudkevich** Art Unit NOT YET KNOWN (to be used for all correspondence after initial filing) Examiner Name NOT YET KNOWN Attorney Docket Number 124263-1016 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance communication Fee Transmittal Form Drawing(s) to Technology Center (TC) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Petition Amendment/Reply (Appeal Notice, Brief, Reply Brief) Petition to Convert to a Proprietary Information After Final **Provisional Application** Power of Attorney, Revocation Affidavits/declaration(s) Change of Correspondence Address Status Letter Other Enclosure(s) (please Terminal Disclaimer Extension of Time Request Identify below): PTO/SB/08A and 08B with 4 References Request for Refund **Express Abandonment Request** Return Post Card CD, Number of CD(s) Information Disclosure Statement Remarks Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Monique A. Vander Molen, Reg. No. 53,716 Individual name

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Dmitry (NMI) Rudkevich

Serial No.:

10/643,160

Filing Date:

August 17, 2004

Examiner:

NOT YET KNOWN

Group No.:

NOT YET KNOWN

For:

METHODS, SYSTEM AND USES FOR CALIXARENES



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## INFORMATION DISCLOSURE STATEMENT

Pursuant to the provisions of 37 C.F.R. § 1.97, Applicant(s) hereby make(s) of record the references set forth in the attached form(s) PTO/SB/08A and PTO/SB/08B. References listed on PTO/SB/08B are attached for your review; however, references are listed in no specific order nor based on their pertinence. No inference should be made that the cited references are in fact material, are in fact prior art, or that no better art exists.

The filing of this Information Disclosure Statement (IDS) shall not be construed as a representation that a search has been made, an admission that the information cited is, or is not considered to be, material to patentability, or that no other material information exists. Further, the filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. Written notification that the enclosed references have been considered in

their entirety by return of a copy of the enclosed form, completed by the Examiner, is respectfully requested. It is also requested that the cited references be cited on the front of any patent issuing from this application. An early action on the merits is respectfully requested.

Applicant believe no fees are due for the filing of this IDS. However, if any fees are due, other than an issue fee, or any overpayments have been made, please charge, or credit our Deposit Account No. 07-0153.

Respectfully submitted,

GARDERE WYNNE SEWELL LLP

Monique a Vonder Mol

Monique A. Vander Molen Registration No. 53,716

Patent Agent for Applicant

Dated: February 25, 2004

3000 Thanksgiving Tower 1601 Elm Street Dallas, Texas 75201-4761 (214) 999-3000 - Telephone (214) 999-3623 - Facsimile MAR 0 1 2004 Espase type a plus sign (+) inside this box  $\rightarrow$ 

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INFORMATIO	N DISCLOSURE	Application Number	10/643,160	
STATEMENT BY APPLICANT		Filing Date	August 17, 2004	
		First Named Inventor	Dmitry Rudkevich	
		Group Art Unit	NOT YET KNOWN	
(use as many sheets as necessary)		Examiner Name	NOT YET KNOWN	
Sheet 1	of 2	Attorney Docket Number	124263-1016	
- 1	1 1			

			U.S. P.	ATENT DOCUMENTS		
Examiner Initials*	Cite No.1	U.S. Patent	Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5,132,345	B1	Harris et al.	07/21/1992	
		5,489,612	B1	Atwood et al.	02/06/1996	
	l	6,136,071	B1	Lamartine et al.	10/24/2000	
		6,400,880	B1	Hebert, et al.	06/04/2002	
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				FOREI	GN PATENT DOCUME	NTS		
Examiner Cite Initials* No.1	For	eign Patent D	ocument	Name of Patentee or	Date of Publication of Cited Document	vvnere Relevant		
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Filing Date August 17, 2004 First Named Inventor **Dmitry Rudkevich** Group Art Unit NOT YET KNOWN **Examiner Name NOT YET KNOWN** 

(use as many sheets as necessary) 2 of 2 Sheet

Attorney Docket Number 124263-1016

Application Number

		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	į	S.V. ROSOKHA, ET AL.; Molecular Recognition of NO/NO <sup>+</sup> via Multicenter (Charge-Transfer) Binding to Bridged Diarene Donors, Effect of Structure on the Optical Transitions and Complexation Thermodynamics; J. Org. Chem. 2003, Vol. 68; pp. 3947-3957	
		S.V. ROSOKHA ET AL.; Noval Arene Receptors as Nitric Oxide (NO) Sensors; J. Am. Chem. Soc. 2002; Vol. 124; pp. 5620-5621	
		G.V. ZYRYANOV, ET AL.; Sensing and Fixation of NO <sub>2</sub> /N <sub>2</sub> O <sub>4</sub> by Calix [4] Arenes; J.Am. Chem. Soc. 2003; Vol. 125; pp. 2997-3007	
		G. V. ZYRYANOV, ET AL.; Supramolecular Fixation of NO <sub>2</sub> with Calix [4] Arenes; Chem. Commun. 2002; pp. 2792-2793	
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